UNION TOWNSHIP



NEWSLETTER

VOL 3/ISSUE 4

WINTER 2010-11

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First in Hunterdon County! Union Township earns title as county's first Sustainable Community

Union Township has met the requirements to achieve certification

as a Sustainable Jersev community. Union Township is one of 67 New Jersey municipalities and the first in Hunterdon County to attain certification since

the program began in 2009. The township was honored at the Sustainable Jersey awards luncheon on Tuesday, November 16th in Atlantic City.

Sustainable Jersey is a certification program for municipalities in New Jersey that want to "go green, save money, and take steps to sustain their communities' quality of life over the long term," and is the most successful statewide municipal sustainability certification program in the

country, according to the program's organizers.

> "We're proud to be the first community in our area to earn this prestigious honor," said Union Township Mayor Matt Severino. "The certification process

allowed us to shine a spotlight on our township's longstanding efforts to promote the three facets of municipal sustainability: the environment, our local economy and our quality of life. We're especially pleased at the way Sustainable Jersey regards those three aspects of life as interconnected and equally important."

The Union Township Committee

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Sidney Brook Watershed Protection Plan now available

Looking for some great reading on local environmental issues like stream water quality? If so, you might want to check out the Sidney Brook Watershed Protection Plan.

Since 2007, Union Township has been working with DEP and other project partners to study and document the water quality of Sidney Brook. Now that has been completed and we are finalizing the watershed protection plan. This plan will help to ensure that the water quality is maintained for future generations.

A hard copy and electronic CD copies of the draft plan are available for members of the public to borrow (see the Union Town-

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What you need to know about Conservation Easements

Your property may play a bigger role in the well-being of our town's natural resources than you realize.

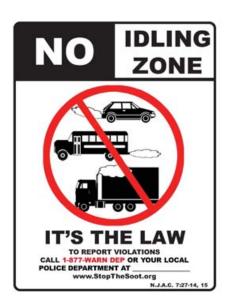
Conservation easements are areas of a property that serve an important environmental purpose. Some conservation easements are intended to protect wildlife habitat and biodiversity, requiring that land be left in its natural state. Others are put in place to preserve water quality and to allow rainwater to soak into our aquifers. Still others create greenway corridors, protect scenic views and open space, or assure sustainable woodland management practices.

Conservation easements should not be confused with restrictions related to the Highlands Act, 300 ft. stream buffers, or other state or local regulations. A conservation easement is a deed restriction placed on a piece of property to

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Help clear the air about the dangers of idling

You're picking the kids up from a friend's house. You know they'll be right out, so you leave your car idling for the few moments you wait. After all, everyone knows you use more gas starting your car up than you do letting it idle for a few minutes, right? Wrong. Modern cars use more gas idling for just a few seconds than they do to start. They warm up more quickly, too, making it unnecessary to let the engine run for a long time on cold days. When you let your car idle, you use more gas, waste money and pollute the air you, your children and your neighbors breathe every day. And when you multiply that by the hundreds of cars and trucks that go



through our township every day, it becomes easy to see—sometimes literally—the damage that vehicle exhaust is causing in our community. That's why the Union Township Environmental Commission is working to make us all aware of the affect of idling and to remind us to "Stop the

Soot."

Idling is already illegal under state statutes, but the township is relying on awareness, rather than enforcement, to get the message out. The Commission is asking local businesses to display parking-style signs that remind residents to turn their cars off when parked. Already, local businesses like Bagelsmith, Busy Bee, Pilot, Perryville Liquors and others have happily agreed to place signs prominently in their parking lots. "We're getting a tremendous response from our business community. This is their township too and they have been enthusiastically stepping forward to help spread the word," said UTEC Chair Bill Harclerode. The signs remind drivers that idling is against the law, but the goal is to promote awareness, not write tickets. "We're convinced that when people are reminded that idling hurts us all, they'll want to do the right thing," he said.

(Continued on page 3)

Union Township Guide to Leaf and Yard Waste Management



Tired of raking leaves? Just don't do it! Save your back, save money, improve your lawn and help the environment—all at the same time. Sounds too good to be true? Read on—by implementing some of these easy, creative solutions, we can enrich our soil, prevent water pollution, and become an even greener community.

Union Township does not pick up leaves and yard waste.

In order to keep our municipal taxes as low as possible, Union Township does not pick up leaves and/or other yard waste (tree branches, lawn clippings, etc.). Most of the independent waste haulers in our area will not pick them up, either, even if they are bagged and left with residential garbage. Do not place yard waste along roads or in drainage ditches, as it becomes a road hazard, interferes with proper road drainage by blocking culverts, and dumps high nutrient levels into local streams.

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Where Can I Recycle That? A guide to recycling resources for Union Township residents.

Item Description	Recycling Location	Frequency	Comments
Glass Bottles (all colors)	Municipal Building (140 Perryville Rd.)	Saturday 8-12	Commingled; plate/window glass is not accepted.
Aluminum and Tin Cans	Municipal Building (140 Perryville Rd.)	Saturday 8-12	Commingled
Plastic Containers (#1-7)	Municipal Building (140 Perryville Rd.)	Saturday 8-12	Commingled
Junk Mail	Municipal Building (140 Perryville Rd.)	Saturday 8-12	Commingled
Newspapers (Bundled, in paper bags or tied)	Municipal Building (140 Perryville Rd.)	Saturday 8-12	Commingled
Cardboard Boxes (Break down or flatten)	Municipal Building (140 Perryville Rd.)	Saturday 8-12	Commingled
Batteries (AAAA-D cell)	Municipal Building (140 Perryville Rd.)	Saturday 8-12	Keep separate; do not commingle. Hand to attendant.
All of the above household recycling items	Hunterdon County Recycling Depot (10 Petticoat Lane, Annandale, NJ)	Mon-Fri: 7-4:30; Sat 7-1	Do not commingle. Call 908-236-9088 or check website.
Anti-Freeze (Auto, used)	Patrick's Auto (79 Route 173) or County Hazardous Waste Day	County: Every Six Months	See Hunterdon County Website for dates.
Asbestos Pipe Wrap	County Hazardous Waste Day	County: Every Six Months	Dampen and double-wrap in plastic.
Batteries (Car, mower)	Home Depot or Lowe's		
Cell Phones	Shop-Rite (Clinton)		They are recycled for use by our soldiers.
Clothing	Municipal Building (140 Perryville Rd.) Norton Church Thrift Shop (908-735-0177)Open Cupboard Food Pantry (908-730-7320)	24/7	Clothing container behind the municipal building benefits Pattenberg Fire Company.
Electronics (Computers, monitors, speakers, TVs, DVD players, stereo equipment, home phones, etc.)	County Electronics Recycling Day	County: Every Six Months	See Hunterdon County website for dates.
Eyeglasses	Shop-Rite (Clinton)	24/7	Lions container in front of store.
Flourescent Lights	County Hazardous Waste Day, Home Depot, Lowe's	County: Every Six Months	See Hunterdon County website for dates; take to returns counter at stores.
Furniture in good condition	Donate to Charity: Lord's Closet (908-534-1777), Salvation Army (800-449-9538), etc.		
Grass clippings, tree branches, leaves and other yard waste	Your Property		Township does not offer removal of these items; see "Union Township Guide to Leaf and Yard Waste Management."
Herbicides	County Hazardous Waste Day	County: Every Six Months	See Hunterdon County website for dates.
Household Cleanup Items	Union Township Bulk Dumpster (Main St. behind Historical Society Building)	1st and 3rd Saturdays, 8-12 or until dumpster is full	Must present ID card issued by Township. No construction debris. See Township website for details.
Household items in good condition	Norton Church Thrift Shop (908-735-0177)Open Cupboard Food Pantry (908-730-7320)	Saturday 8-12	Do not leave out front.
Household trash and construction debris	Hunterdon County Recycling Depot (10 Petticoat Lane, Annandale, NJ)	Saturdays between 10:30-1	Fee based; call 908-236-9088 or check Hunterdon County website fo more information.
Metals (Copper, steel, iron, aluminum, etc.)	Union Township Bulk Dumpster (Main St. behind Historical Society Building) or Hunterdon County Recycling Depot (10 Petticoat Lane, Annandale, NJ)	Union Twp: 1st and 3rd Saturdays, 8-12 or until dumpster is full; County: Saturdays between 10:30-1	County is fee based; call 908-236-9088 or check Hunterdon County website for more information.
Motor Oil (used)	Patrick's Auto, Phillipsburg Wal-Mart or County Hazardous Waste Day	County: Every Six Months	See Hunterdon County website for dates.
Paint (Oil-based)	County Hazardous Waste Day	County: Every Six Months	See Hunterdon County website for dates.
Paint (Water-based/latex)	Household Trash		Open can, let it dry and dispose in trash.
Pesticides	County Hazardous Waste Day	County: Every Six Months	See Hunterdon County website for dates.
Plastic Grocery Bags	Shop-Rite (Clinton)		Stuff all bags into one and tie to prevent blowing out of dumpster.
Prescription Drugs	Household Trash		Remove label and place in trash. DO NOT flush down toilet.
Printer Cartridges	Municipal Building (140 Perryville Rd.)	Saturday 8-12	
Refrigerators and Freezers	County Recycling Program	See County website: May get \$\$ back	See Hunterdon County website for dates.
Tree Branches and Stumps	Your Property		

Contact Information:

County Recycling and Transfer Station: 908-236-9088 County Recycling and Hazardous Waste Information: 908-788-1110 or www.co.hunterdon.nj.us/solidwaste/cleanup.htm

Union Township website: www.uniontwp-hcnj.org Patrick's Auto: 908-713-1388

This information is provided as a public service by the Union Township Environmental Commission. Contact us at 908-735-8027 or email utec@uniontwp-hcnj.org.

Anti-Idling awareness

(Continued from page 2.)

School buses and parents picking up and dropping off their children at school are also major contributors, and the Environmental Commission is working on an awareness and education campaign that let's kids know they have the power to impact their environment by reminding forgetful adults about idling. The commission hopes to place anti-idling signs in the schools' parking lots and get information out through messages in students' electronic backpacks.

What's your "Idling IQ?" Here are just a couple quick facts from StopTheSoot. org:

Will reducing idling really make a significant difference in reducing soot? According to the USEPA, the U.S. Department of Energy, and other organizations, the average long-haul truck (Continued on page 6.)

Sustainable Jersey certification

(Continued from page 1.)

established a "Green Team" subcommittee of the township's Environmental Commission to pursue certification earlier this year. The team submitted documentation to show the township had completed actions worth a total of at least 150 points. Action items included establishing or maintaining a recycling program,

Certified towns excelled in areas such as smart land use, reducing waste, sustaining local economies and protecting natural resources. "These are exceptional towns with outstanding programs. We've been amazed to see how this program has catalyzed community spirit and fostered grassroots leadership,



Union Township Deputy Mayor Bill Bishoff accepts the Sustainable Jersey award from program officials.

performing energy audits on township-owned property, promoting responsible land use, education and outreach programs and others. The township earned Bronze certification, which is good for three years.

"It's quite an accomplishment to become Sustainable Jersey-certified," said Fred Profeta, Chair of the New Jersey League of Municipalities' Mayors' Committee for a Green Future, a Sustainable Jersey program partner. "The 2010 certified towns have joined an elite group of municipalities that are leading the way with impressive sustainability initiatives in New Jersey while providing a model for towns across the United States." cross-sector creativity and collaboration across New Jersey," said Donna Drewes of the Municipal Land Use Center at The College of New Jersey (MLUC@TCNJ), a Sustainable Jersey partner. Randall Solomon of the MLUC@TCNJ, congratulated the certified towns. "Our winners are municipal leaders that are making extraordinary contributions toward the long-term goal of a sustainable New Jersey and world."

Chuck La Tournous, a member of the Union Township Environmental Commission and chair of the Green Team Subcommittee, said certification was made easier because many of the programs that earned points were already in place in the (Continued on page 7.)

Conservation Easements

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protect its associated resources. The easement is voluntarily donated or sold by the landowner and constitutes a legally binding agreement that limits certain types of uses or prevents development from taking place on the land in perpetuity while the land remains in private hands. Conservation easements are specifically written into property deeds, and pass down, with the land, from owner to owner.

Conservation easements protect land for future generations while allowing owners to retain many private property rights and to live on and use their land. Sometimes, however, the fact that an easement exists on a homeowner's property can get lost in the transfer of titles and deeds. Municipalities in New Jersey bear responsibility for ensuring that easements are properly maintained for the purposes for which they were obtained. Caring for these conservation easements is not only a legal obligation but, more importantly, a vital commitment to the public good. In order to make residents aware of easements they may have on their property, their importance to the community, and the responsibilities of homeowners in maintaining them, Union Township is undertaking an important project to identify, monitor and document the easements in our community.

The Union Township Environmental Commission (UTEC) spent over two years discussing various methods to develop a conservation easement inventory prior to beginning the project. During this time, UTEC members communicated with several other Environmental Commis-

(Continued on page 5.)

Conservation easments (Continued from page 4.)

sions, and with Association of New Jersey Environmental Commissions (ANJEC) representatives, to find out how other commissions had tackled the subject of easements. We reviewed the available information on the subject, and one of the members also attended a workshop on Environmental Easements hosted by the Rutgers Environmental Stewardship group at Duke Farms.

UTEC realized that it needed to identify the easements that exist in Union Township and to build and maintain a database to catalog them. We also decided that the scope of our inventory would include conservation easements, preserved farmland and open space.

Since we have extremely limited funds, and a relatively small number of easements, we began our search by examining the Township's 31 Tax Maps. Next, we visited the Planning Board office and paged through hard copies of all Planning Board Resolutions from 1980 to the present to identify Board activities where easements had been granted. This allowed us to identify and locate existing easements along with the easement agreements or deed restriction language associated with the parcel.

Each Resolution was scanned and hyperlinked to a listing in an Excel spreadsheet. Next, we visited the Tax Assessor's office to locate the deeds associated with each easement. The deeds provide each easement's boundaries and restrictions. In some cases, the deed was not on file in the Assessor's office; the missing deeds will be collected at the County Hall of Records when grant funds become available to pay for the title searches. In other cases, current deeds were available, but references to the

original conservation easement were unclear. In these cases, earlier deeds traced back to the original resolution were included. In some instances, these earlier deeds were not on file in the Tax Assessor's office; these deeds will also be title searched as funds become available. UTEC will be requesting grant money from ANJEC this year to fund the title search at the County level.

Each easement was flagged on the Township's parcel map and backed up with the Easement Inventory Database containing key information on the easement's boundaries and restrictions. An overlay detailing the location of Union Township's two C-1 streams, the Mulhockaway Creek and Sidney Brook, was taken from the township's Natural Resource Inventory and used to determine which easements would be the first ones considered for evaluation. Hopefully, this map will be formally drawn as part of Union Township's periodic tax map updates.

The Union Township Environmental Commission's Easement Subcommittee will review all planning board resolutions and township committee resolutions from the prior year to identify new conservation easements, open space acquisitions and preserved farms. Once identified, the Easement Inventory Database and Parcel Map will be updated.

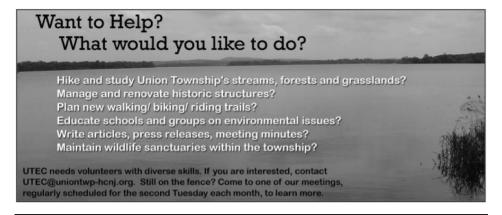
Our initial outreach efforts have been targeted towards all township residents through the UTEC website, a flyer which is available in the front hall of our municipal building and this newsletter. We plan to provide more information on conservation easements to all property owners with this year's tax bill. After we

receive grant funding to complete our title search, we will mail a second flyer to specific conservation easement holders.

Union Township is in the early stages of the Conservation Easement baseline monitoring. The Township is legally required to periodically monitor easements to insure that conservation values are being preserved and protected. Our earliest and highest priority easement inspections began in February 2009 on open space parcels owned by the Township and Green Acres. We hope to obtain grant funding to allow baseline monitoring of residential properties in the future. We are working now to identify potential grant sources, and will be applying for grants over the next few months to complete the work.

What does this mean for you? For now, not much. If you are aware of an environmental easement on your property, you probably already know about your responsibilities. If not, contact UTEC and we will provide you with more information. Once funding is obtained, if you have an easement on your property, a UTEC member, zoning officer or other township representative may contact you to discuss it and to establish a time to monitor it. They will provide information about your responsibilities as well as some practical advice about maintaining the easement.

UTEC's goal throughout the course of this project is to treat all easement holders with sensitivity and with respect for their privacy and overall property rights. After all, Union Township easement holders perform a valuable service by protecting land for future generations.



Union Township Guide to Leaf and Yard Waste Management

(Continued from page 2.)

Ways to recycle leaves and yard waste in your own yard

Think of leaves and yard waste as an asset rather than a burden. Consider one of these simple procedures to benefit your soil and plants:

- The simplest thing to do is rake or blow leaves into a woodlot, if available. Break up twigs and branches into manageable size and add them to the leaves, where they will decompose over time.
- Use a mulching mower to allow nutrient-rich grass clippings to feed your lawn. Adopt a mowing schedule to keep clippings short enough to filter through growing grass and not remain as a mat on top of the lawn. Research and experience indicate that only 1/3 of the grass length should be removed during mowing. Never allow the lawn grass to double its height between mowings. This approach not only eliminates clipping collection and disposal problems, but also can contribute to improvement of the lawn.
- Mulch leaves with a mower so they can disappear back into the lawn. The fragmented leaves can also be raked onto lower beds as mulch—a technique particularly appropriate for owners of small lots. Though a mower with a mulching blade would be optimal, all power mowers should do an adequate job.

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Anti-Idling awareness

(Continued from page 3.)

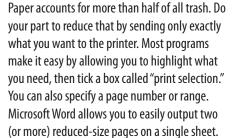
idles at least 1,830 hours per year, and, in the process, uses \$4,400 of unnecessary fuel and emits 17 tons of carbon dioxide, 10 pounds of fine particles and 615 pounds of nitrogen oxides every year. Reducing idling will lower maintenance costs on each vehicle, save fuel and protect public health and air quality.

Wouldn't the continual shutting off and turning on of diesel engines actually damage the engine and emit more soot than idling?

Idling an engine for more than about 10 seconds actually uses more fuel than if the engine had been turned off. It is more efficient to turn an engine off if it will be stopped for more than 10 seconds. Frequent restarts of an engine will not have a negative impact on engine components.

Isn't it bad to drive a cold engine if it hasn't been warmed up? Electronically controlled engines need no more than about 30 seconds to warm up. Driving a vehicle cuts warm-up times in half. The best way to warm up an engine is by driving it, while avoiding rapid acceleration and high speeds for approximately the first four miles in cold weather. For more information, visit stopthesoot.org.

Green Tip:



(Source: thedailygreen.com)

Sidney Brook Watershed Protection

(Continued from page 1.)

ship Clerk). Additionally, a public meeting was held Tuesday, December 14 to review this Watershed Protection Plan and gather further input and final comments from members of the public.

Union Township is very fortunate to have two relatively pristine "Category 1" streams within our borders: the Mulhockaway Stream and Sidney Brook. These streams have been determined to be of exceptional value that is worthy of continued protection. The Sidney Brook has been documented to be a trout maintenance stream, meaning that trout can live here all year long. This is quite an honor, because trout are very sensitive to environmental degradation including elevated water temperature, pollution, low oxygen levels, and lack of aquatic insects for food.

Riparian buffers are one way to help ensure water quality. Each stream is already legally protected by a 300 foot buffer on each side, within which most future development is prohibited. Other ways to protect the watershed quality are discussed in the project plan and were reviewed at the December 14

meeting.

The Sidney Brook grant for \$237,361 is provided to the NJDEP under the federal 319(h) watershed program. There is no cost to Union Township taxpayers. The project partners include NJ DEP, Union Township, Hunterdon County, Princeton Hydro, Franklin Township, and NJ Water Supply Authority. The project addresses vulnerable areas in the watershed and developed a series of recommended actions to maintain the ecological integrity of Sidney Brook, including educating the local residents about the sensitive nature of the stream. In addition, the Protection Plan will outline recommendations to help guide planning and future development actions throughout the watershed. Union Township provided the necessary 25% funding match through in-kind services provided by the Township officials, staff and volunteer board members including the Environmental Commission. The goal of the Sidney Brook Watershed Protection Plan is to protect valuable natural resources that are dwindling in New Jersey.

Please contact the Environmental Commission at UTEC@uniontwp-hcnj.org, or call UTEC Chair Bill Harclerode at 908-894-8300 if you have any questions.

Sustainable Jersey

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township. "We're very fortunate that our township has a long history of protecting the beautiful rural environment and quality of life we enjoy here, as well as promoting our local economy," he said. "Pursuing certification gave us a great way to reflect on our past accomplishments, focus on the ongoing work being done by our township committee and volun-

teer residents and inspire our future plans to maintain and improve the community we love. Designation as a Sustainable Jersey community is a wonderful recognition of the great work being done here every day."

In addition to recognition for its efforts to date, Sustainable Jersey certification makes the township eligible for grant money to fund future sustainability projects.

The certified towns were recognized at the second annual Sustainable

Jersey awards luncheon on Tuesday, November 16, 2010 at the 95th Annual New Jersey League of Municipalities Conference.

Sustainable Jersey is a collaborative effort between the New Jersey State League of Municipalities' Mayors' Committee for a Green Future and the Municipal Land Use Center at The College of New Jersey, in partnership with the New Jersey Department of Environmental Protection, and the New Jersey Board of Public Utilities.

Green Tip:

If you choose an artificial Christmas tree for your holiday celebration, buy one that has been made in America. This will greatly decrease the chances for contamination with lead or other toxins, preserve much-needed domestic manufacturing jobs and reduce shipping. One source of American-made Christmas trees is New Jersey's own Holiday Tree and Trim Company. (Source: thedailygreen.com)

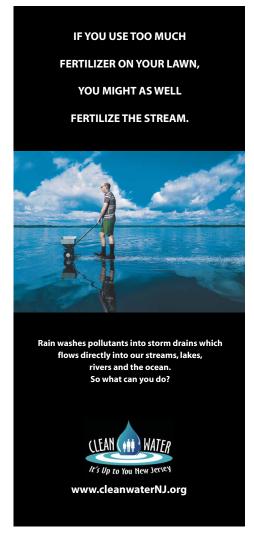
Union Township Guide to Leaf and Yard Waste Management

(Continued from page 6.)

- Spread leaves on your garden and leave them there to hold in moisture, suppress weeds, keep the soil cool in the summer, and slowly release nutrients. Grass clippings can also be used in this way. Planting tomatoes, for instance, requires nothing more than parting the leaves to put the new plants in. The leaf mulch reduces rotting of any tomatoes that touch the ground.
- Rake leaves into a pile for composting. A corral or circle of wire fencing will help contain the leaves and keep them from blowing around. A readily available fencing is three feet high, green, and comes in rolls at the local hardware store. The composting corral is essentially invisible when tucked into a back corner of a residential lot. A u-shape may be preferred so that leaves can be raked right into the enclosure rather than lifted over the fencing. The leaf pile quickly reduces in size over the winter. Green yard waste like soft twig prunings and weeds can be mixed into the pile in limited amounts. The leaves can be left to decompose, acting like a sponge to catch the rain, and releasing nutrients to benefit the health of all trees and other landscaping in the vicinity. Contrary to popular notions of composting, it is not necessary to laboriously turn a leaf pile. Leaf piles do not create odors.
- Use leaves to control weeds by raking them towards the fence line where they can serve as a mulch to keep down weeds that often dominate there. You can also dump leaves on any other weeds or groundcovers that are getting out of control. A thick layer of leaves discourages weeds. For weeds or groundcovers strong enough to push up through the leaves, Lirst place overlapping pieces of cardboard on the undesired plants, then use the leaves over top to hide the cardboard. Both will decompose over time.

For more information about ways to recycle yard waste and fall leaves, visit the Rutgers Cooperative Extension Service website at www.rce.rutgers.edu.

This article was adapted from "The Princeton Guide to Fall Leaf Management", written by the Princeton Environmental Commission, and is used with the permission of the authors.



About this newsletter...

Union Township, like all municipalities in New Jersey, is required to provide information to residents on environmental subjects including stormwater management, recycling, and the Sidney Brook 319 grant. This newsletter fulfills that requirement. It was designed and written by township volunteers and was produced at no cost to residents. If you are interested in advertising in our next newsletter, contact us at UTEC@ uniontwp-hcnj.org. Residents can receive UTEC newsletters, important township news and other correspondence electronically by email rather than in print through snail mail. To request this service, send an email to utec@uniontwp-hcnj.org with UTEC EMAILS as the subject. Be sure to include your full name and address.